Title: RANDOMLY GENERATED
GLYCOPEPTIDE COMBINATORIAL
LIBRARIES
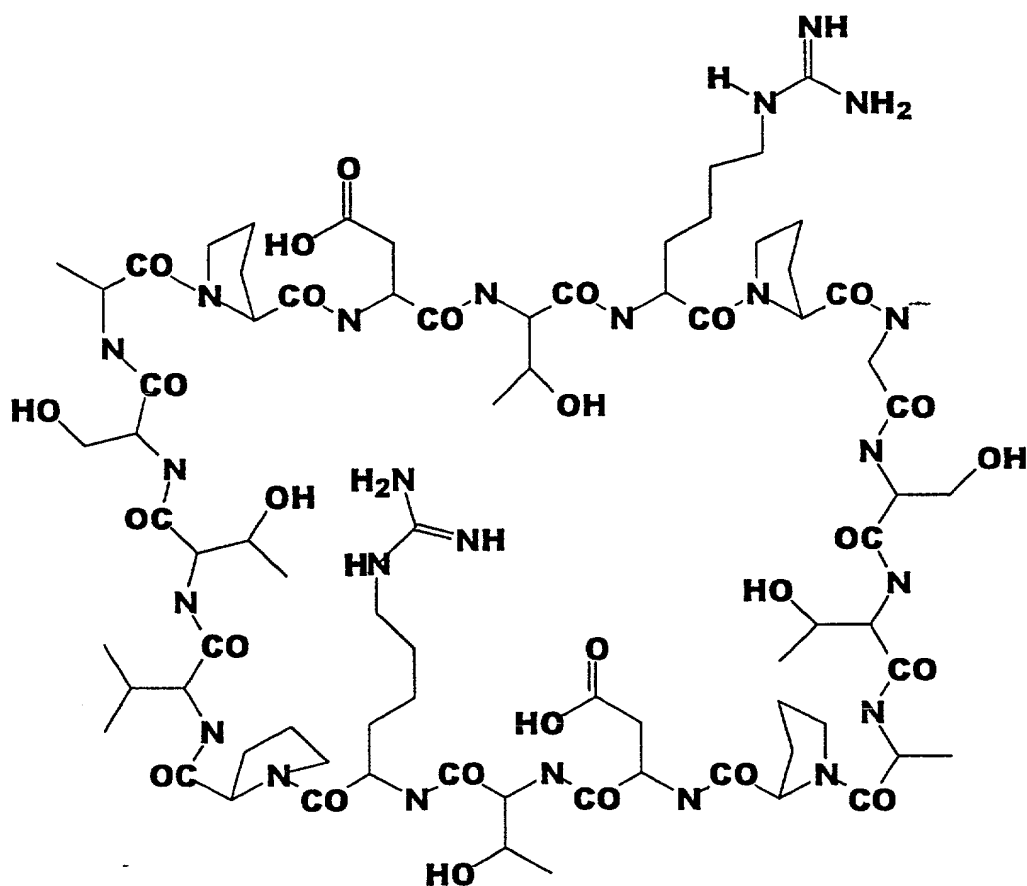Inventor(s): R. Rao KOGANTY et al.
Atty. Dkt. No.: 042881/0156
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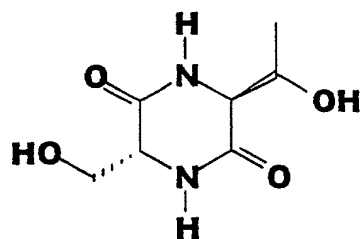**Combinatorial glycopeptides**

O_1, O_2, O_3 = Glycosylation sites

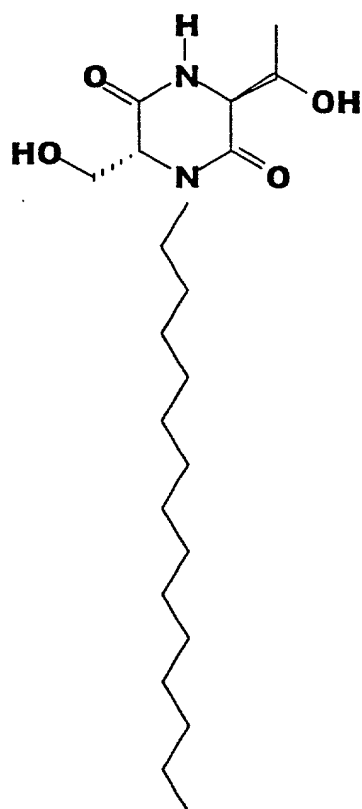R_1 to R_5 = Side chains that create site specificity

Figure 1

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A CYCLIC MUC1 PEPTIDE

Figure 2

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THE SIMPLEST CYCLIC PEPTIDE

A SOLUBLE VERSION OF THE ABOVE (with C_{14} lipid)

Figure 3

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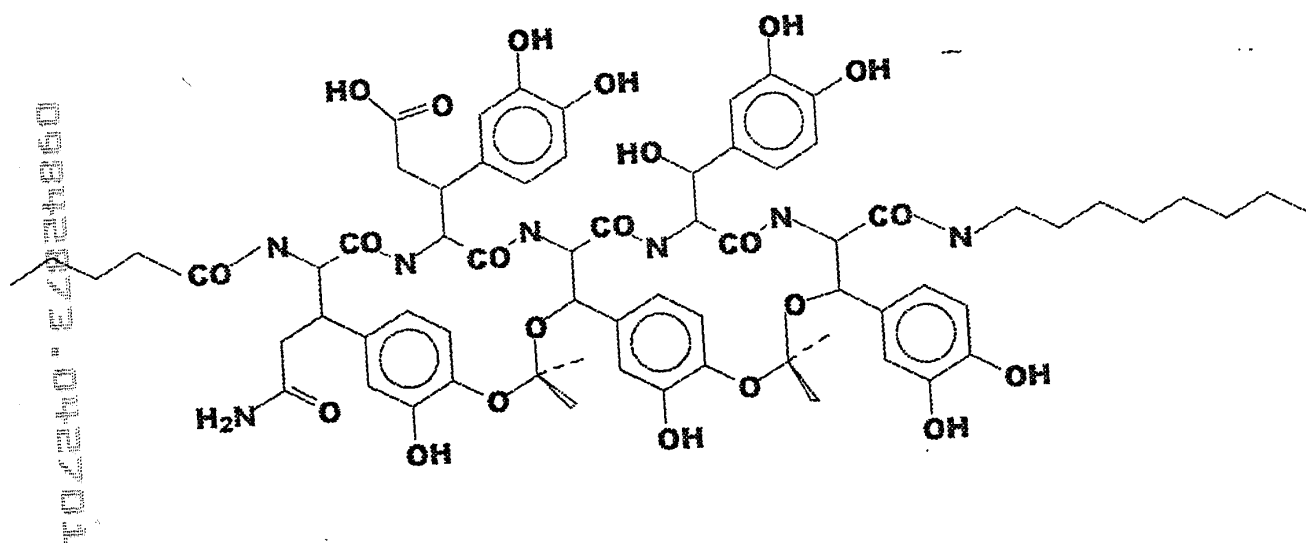Atty. Dkt. No.: 042881/0156
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Figure 4

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Figure 5

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Inventor(s): R. Rao KOGANTY et al.
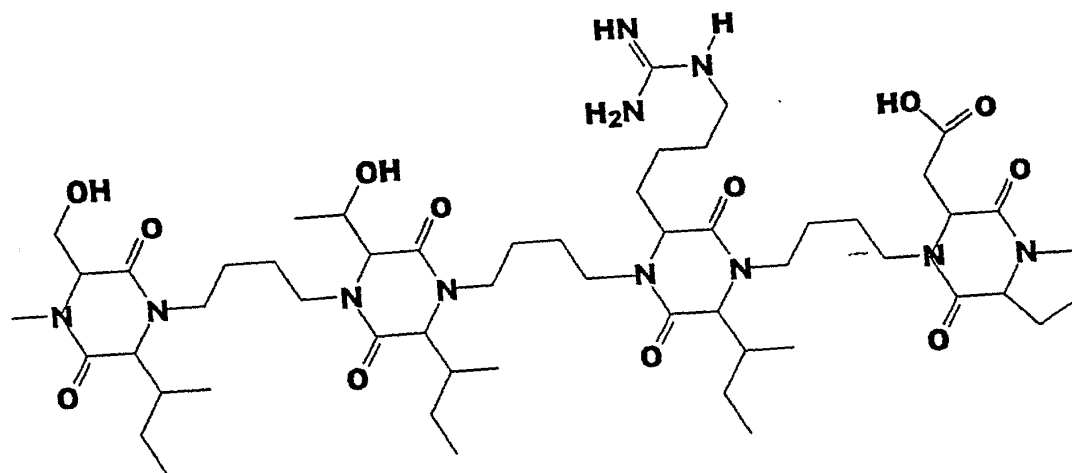Atty. Dkt. No.: 042881/0156
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N EXAMPLE OF A CYCLIC PEPTIDE FOR RANDOM GLYCOSYLATIONS

ILITY OF SUCH PEPTIDES MAY BE ENHANCED BY HYDROPHOBIC GROUPS

Figure 6

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LIBRARIES
Inventor(s): R. Rao KOGANTY et al.
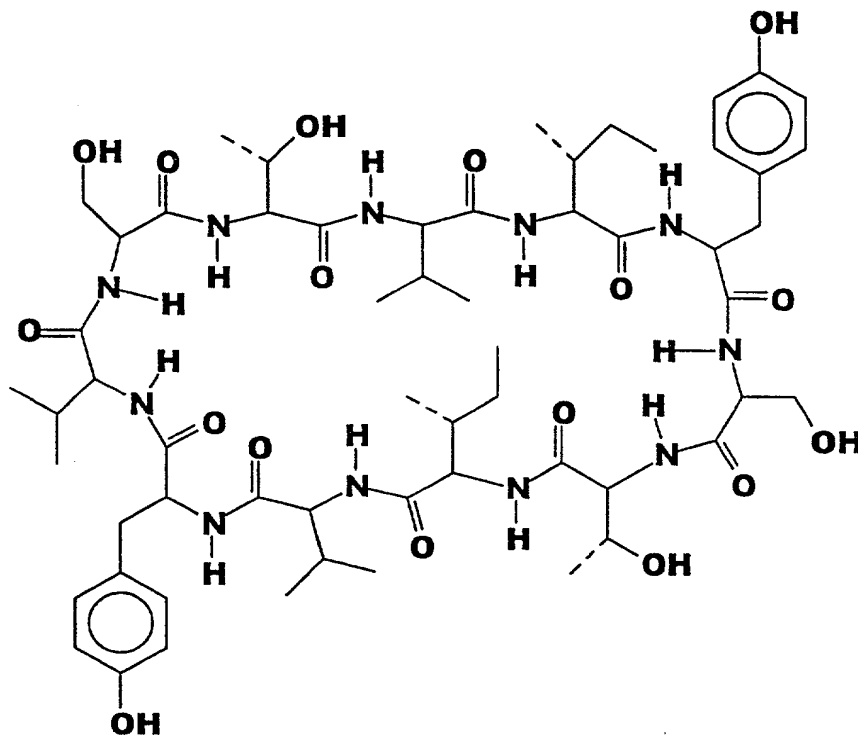Atty. Dkt. No.: 042881/0156
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FIGURE 8.

Functional Demonstration of Glycopeptide Library With Well Characterized Monoclonal Antibodies